

14094, A NOVEL HUMAN TRYPSIN FAMILY MEMBER
AND USES THEREOF

Abstract

5 The invention provides isolated nucleic acids molecules, designated 14094
nucleic acid molecules, which encode a novel trypsin family member. Elevated expression
of 14094 mRNA was detected in breast, ovarian, lung, and liver cancers compared to normal
cells derived from these tissues. The invention also provides antisense nucleic acid
molecules, recombinant expression vectors containing 14094 nucleic acid molecules, host
10 cells into which the expression vectors have been introduced, and nonhuman transgenic
animals in which a 14094 gene has been introduced or disrupted. The invention still further
provides isolated 14094 proteins, fusion proteins, antigenic peptides and anti-14094
antibodies. Therapeutic and diagnostic methods utilizing compositions of the invention to,
for example, treat, prevent, and/or diagnose neoplastic conditions, are also provided.

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